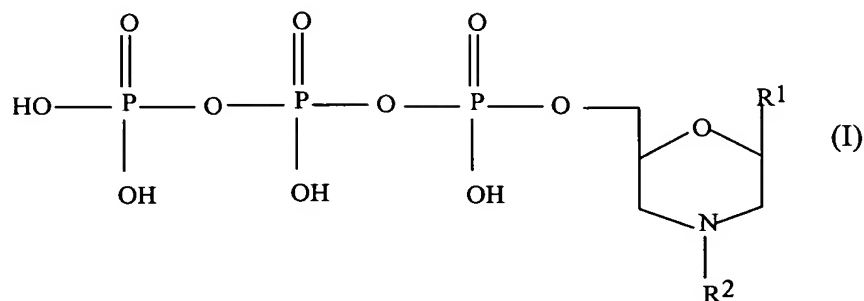
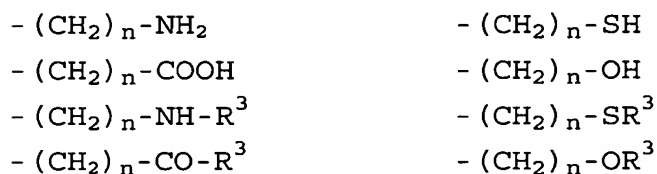


**ABSTRACT**

The invention relates to the use of morpholino-nucleosides of formula:



in which  $\text{R}^1$  represents a nucleic base and  $\text{R}^2$  represents a group corresponding to one of the following formulae:



in which  $n$  is an interger ranging from 1 to 12 and  $\text{R}^3$  is a group derived from a label, from a protein, from an enzyme, from a fatty acid or from a peptide, as chain terminators in a process of DNA or RNA sequencing by the Sanger method, or for the labelling of DNA or RNA fragments.